

PM19

400-461

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

400-461

Date of Issuance:

MAR 07 1995

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance: Until Reregistration

Name of Pesticide Product: Dimilin

2L

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Uniroyal Chemical Co.
74 Amity Rd.
Bethany, CT 06524-3402

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 400-461."

3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Dennis H. Edwards, Jr.

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Date:

MAR 07 1995

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RESTRICTED USE PESTICIDE

Due to toxicity to aquatic invertebrate animals. For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified applicator's certification.

ACCEPTED with COMMENTS in EPA Letter Dated

MAR 07 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

400-461

DIMILIN® 2L

INSECT GROWTH REGULATOR

Net contents:

COMPOSITION

Active Ingredient: (% by weight)	
N-[[[(4-Chlorophenyl)amino]carbonyl]-2,6-difluorobenzamide*	22.0%
Inert Ingredients:	78.0%
TOTAL	100.0%

*Diflubenzuron and other benzoylphenylurea insecticidal compounds, and compositions relating thereto, are covered by U.S. Patent Numbers 4,110,469; 4,166,124; 4,399,152; 4,607,044; 4,833,151; 5,142,064 and other patents pending.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Avoid contact with skin. Prolonged or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals. Avoid contamination of feed and foodstuffs.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers Must Wear: A long-sleeved shirt & long pants; shoes plus socks; chemical-resistant gloves such as Nitrile rubber, barrier laminate, neoprene rubber or viton. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

- Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to crab, shrimp and other aquatic invertebrates. For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark, except under the forest canopy when aerially applied to control forest pests. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.



EPA Reg. No. 400-

EPA Est. No.

001WPS

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product through any type of irrigation system.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- coveralls
- chemical-resistant gloves, such as nitrile rubber, barrier laminate, neoprene rubber or viton
- shoes plus socks.

DIRECTIONS FOR USE

COTTON

BEET ARMYWORM, FALL ARMYWORM AND SOYBEAN LOOPER: To control larvae of beet and fall armyworm and to provide suppression of soybean looper, apply 4 to 8 fl. oz. of DIMILIN 2L per acre. Use sufficient water to assure adequate coverage. 1 to 2 quarts of emulsifiable vegetable or paraffinic crop oil may be used to enhance canopy penetration. Application should be made during early stages of armyworm larval development. Because of DIMILIN's unique mode of action, its effects may be delayed for 3 to 5 days following application.

Aerial application: Apply in 2 to 3 gallons total volume per acre.

Ground application: Apply in 5 to 30 gallons of total volume per acre to give uniform coverage.

BOLL WEEVIL

EARLY SEASON: DIMILIN 2L will control boll weevil through reproduction suppression. Apply 4 to 8 fluid ounces of DIMILIN 2L per acre per treatment in combination with 2 to 4 quarts of emulsifiable vegetable or paraffinic crop oil. Consult your supplier or Uniroyal representative for oil specifications.

LATE SEASON: DIMILIN 2L will control overwintering boll weevils when applied at or prior to weevil diapause. Apply when cotton plant has reached full vegetative growth or when it begins blooming out the top. For ground or aerial LV application, apply 2 to 4 fluid ounces of DIMILIN 2L per acre in combination with 2 to 4 quarts of an emulsifiable vegetable or paraffinic oil per acre. At least 2, but not more than 3, applications at 7 to 14 day intervals should be made.

Aerial application: Apply in 1 to 3 gallons total volume per acre.

Ground application: Apply in 5 to 30 gallons of total volume per acre to give uniform coverage.

For maximum control of boll weevil reproduction, make first application

at pinhead square stage of cotton growth when overwintering boll weevils are entering the fields. Repeat treatments should allow at least 5 to 7 day intervals between applications.

DIMILIN 2L does not kill the adult boll weevils, however, eggs deposited by affected female weevils will not hatch, thus limiting reproduction. The control of egg hatch and larval development within the square prevents its shedding and will then allow normal boll development. After initial treatment of the female weevil, 7 to 10 days are required before non-hatching eggs are laid.

When DIMILIN 2L is used alone for boll weevil control, it allows normal build-up of beneficial insects which may aid in control of bollworm and budworm. Emulsifiable concentrate insecticide formulations used in tank mixes, in the presence of oil, may result in phytotoxicity. Care should be taken where such mixture is used.

USE AND MIXING DIRECTIONS FOR COTTON IF USED WITH WATER:

1. Fill tank with half of the required amount of water.
2. Begin agitation and add required amount of DIMILIN 2L.
3. Continue agitation while adding remainder of water.
4. Add proper quantity of oil slowly. To avoid formation of an invert emulsion, use at least 2 parts of water for each part of oil.

USE AND MIXING DIRECTIONS FOR COTTON IF USED WITHOUT WATER:

1. Fill tank with the required amount of oil or oil based insecticide.
2. Begin agitation and add required amount of DIMILIN 2L.

Aerial or ground application: Spray should be applied with aerial or ground equipment designed or modified to insure full uniform coverage of the entire plant. Adjust equipment to provide droplets with a diameter of 150 to 220 microns. Provide agitation prior to, during, and after blending and while applying.

USE RESTRICTIONS FOR COTTON: Do not exceed 6 applications and do not exceed 24 fl. oz. DIMILIN 2L per season. Do not exceed 3 applications and 12 fl. oz. DIMILIN 2L post boll opening. Do not apply closer than 14 days before harvest.

RESTRICTIONS ON ROTATIONAL CROPS: Do not plant food or feed crops in DIMILIN treated soils within 6 months following last application, unless DIMILIN is authorized for use on these crops.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE - Store in a dry location.

PESTICIDE DISPOSAL - Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT NOTICE — Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

DIMILIN® is a Registered Trademark of Solvay Duphar B.V., Weesp, the Netherlands

Distributed by: Uniroyal Chemical Company, Inc., Middlebury, CT 06749